

Frequently asked questions (FAQs)

TaqMan SARS-CoV-2 Fast PCR Combo Kit 2.0

Question: Which consumables, instruments, reagents, and software are required to run the protocol for the Applied Biosystems™ TaqMan® SARS-CoV-2 Fast PCR Combo Kit 2.0 (Cat. No. A51607)? Where can I find the full list of products and protocols?

Answer: Go to thermofisher.com/order/catalog/product/A51607#/A51607 to see the workflow outlining the instruments, consumables, and reagents required to use the TaqMan SARS-CoV-2 Fast PCR Combo Kit 2.0.

Question: Which instruments are recommended for the TaqMan SARS-CoV-2 Fast PCR Combo Kit 2.0?

Answer: The recommended instruments are the Applied Biosystems™ QuantStudio™ 5 Real-Time PCR System (96-well, 0.2 mL block) and Applied Biosystems™ QuantStudio™ 7 Flex Real-Time PCR System (384-well block). Customers who want to use another instrument will need to verify its performance in their lab.

Question: Which sample types are compatible with the TaqMan SARS-CoV-2 Fast PCR Combo Kit 2.0?

Answer: The TaqMan SARS-CoV-2 Fast PCR Combo Kit 2.0 is currently verified for use with raw saliva samples. Customers who want to use other sample types will need to verify the kit's performance in their lab.

Question: What comes with the TaqMan SARS-CoV-2 Fast PCR Combo Kit 2.0? Is the master mix included, or does it need to be purchased separately?

Answer: The TaqMan SARS-CoV-2 Fast PCR Combo Kit 2.0 includes the following components:

- Applied Biosystems™ TaqMan® SARS-CoV-2 Fast PCR Assay 2.0
- Applied Biosystems™ TaqMan® SARS-CoV-2 Plus Control
- Applied Biosystems™ TaqMan® SARS-CoV-2 Control Dilution Buffer
- Applied Biosystems™ SalivaReady™ Solution

The master mix is not included in the kit and needs to be purchased separately:

- Applied Biosystems™ TaqPath™ 1-Step Multiplex Master Mix (No ROX), 10 mL (Cat. No. A28523)

Question: What extraction kit should I use to extract RNA from the sample?

Answer: RNA extraction is not required. The TaqMan SARS-CoV-2 Fast PCR Combo Kit 2.0 is verified for use with raw saliva samples directly to PCR, without any nucleic acid extraction, reducing workflow complexity and costs.

Question: What are the reporter dyes and targets for the TaqMan SARS-CoV-2 Fast PCR Combo Kit 2.0?

Dye	Quencher	Target
Applied Biosystems™ FAM™ dye	Invitrogen™ QSY™ quencher	SARS-CoV-2 (<i>orf1a</i>)
Applied Biosystems™ ABY™ dye		SARS-CoV-2 (<i>orf1b</i>)
Applied Biosystems™ VIC™ dye		SARS-CoV-2 (N gene)
Applied Biosystems™ JUN™ dye		RNase P (internal positive control)

Question: What software do you recommend for data analysis?

Answer: The assay is supported by the Applied Biosystems™ QuantStudio™ Design and Analysis Software 2.5 or higher. You may download the latest version from thermofisher.com/covid19ruoevolved.

Find out more at thermofisher.com/covid19ruoevolved